MISSOURI BOTANICAL GARDEN

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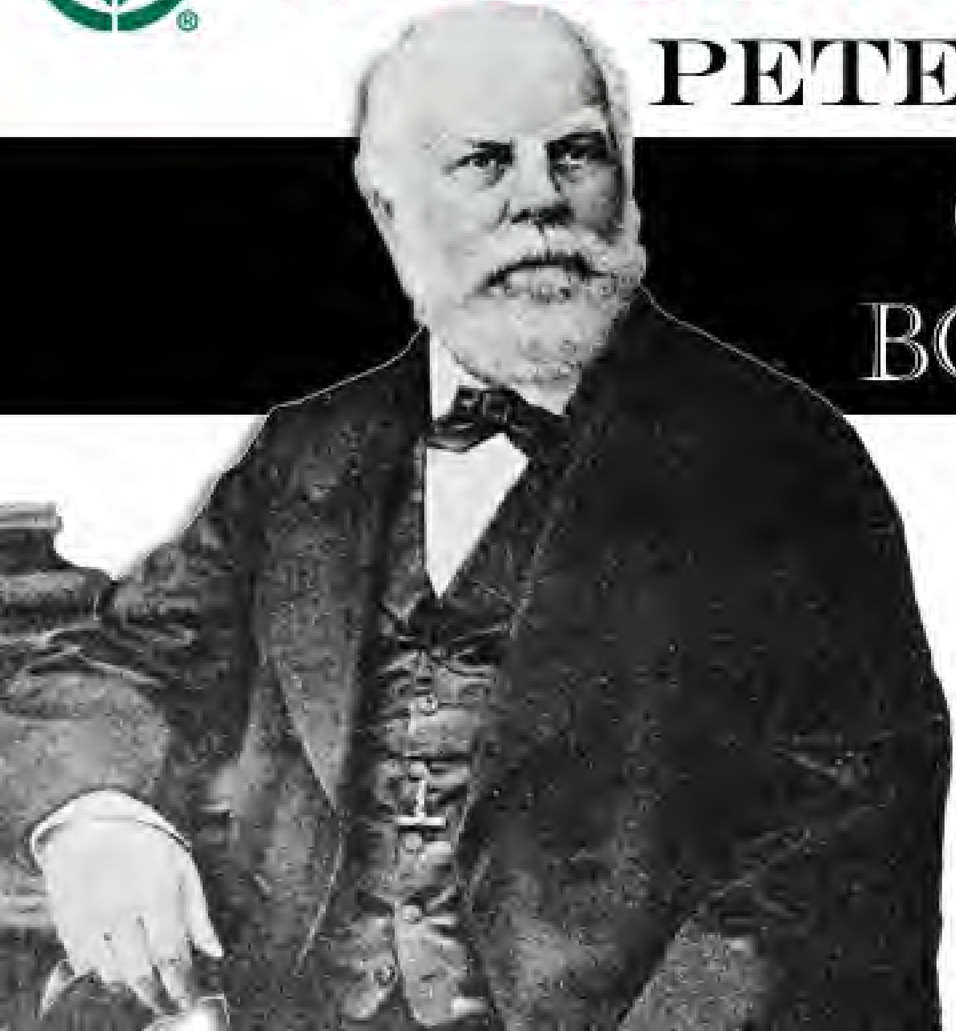

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Cereus Berlandieri & C. Poselgeri both in Hort Poselger (Decbr 1868) seem to me identical

C. Poselgeri is a little stouter than the other

C. Ehrenbergi is apparently the same and is by far the oldest name.

C. procumbens is very distinct.

C. pentalophus ?

2040

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Cereus (Echinocereus) Salmianus observed by Dr Poselger at Gen. Jacobi's; has a rosecoloured flower, long tube, and opens (or opened at that time) ~~twice~~ for two nights in succession, while it was closed or nearly so in day time.

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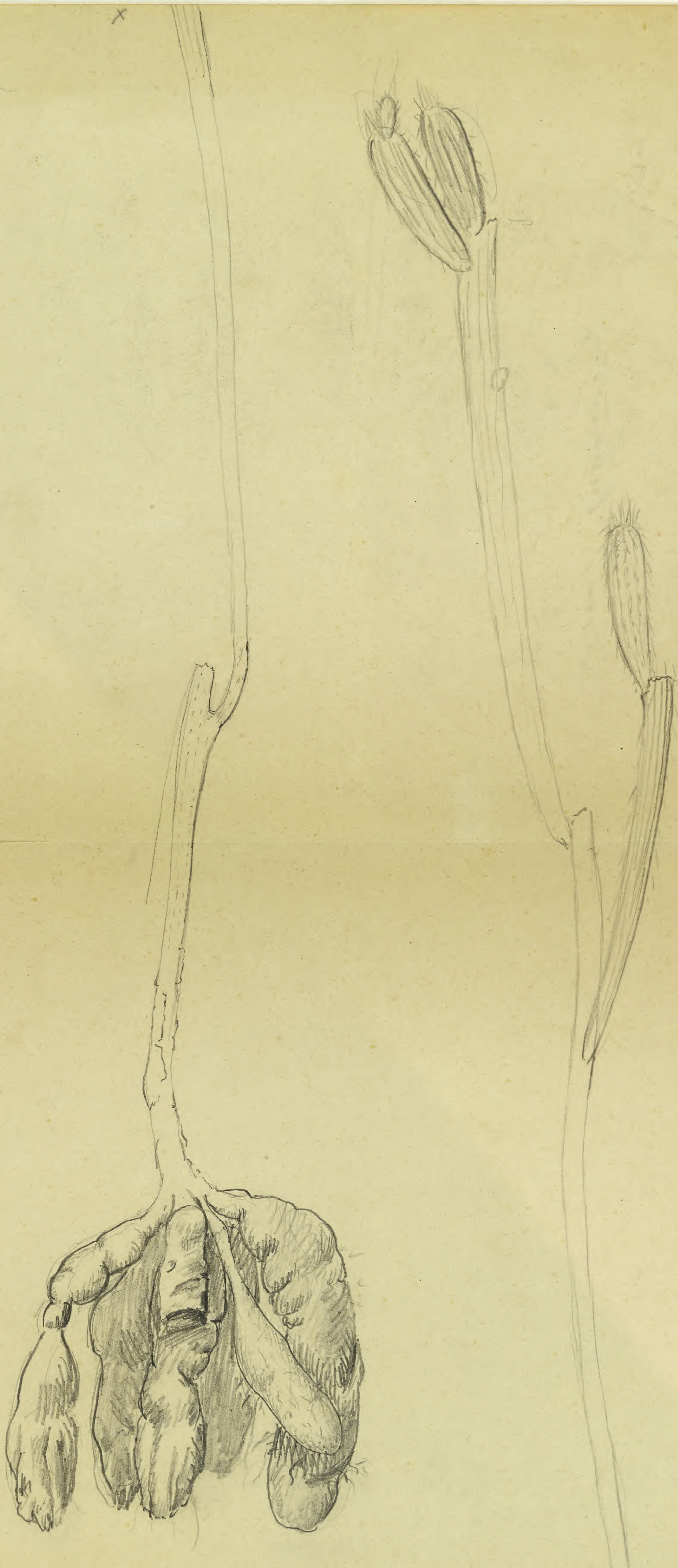

Berlin March 1857

Cereus tuberosus Poselg.

original speci— coll by

Dr Poselger on the Rio Grande 1851

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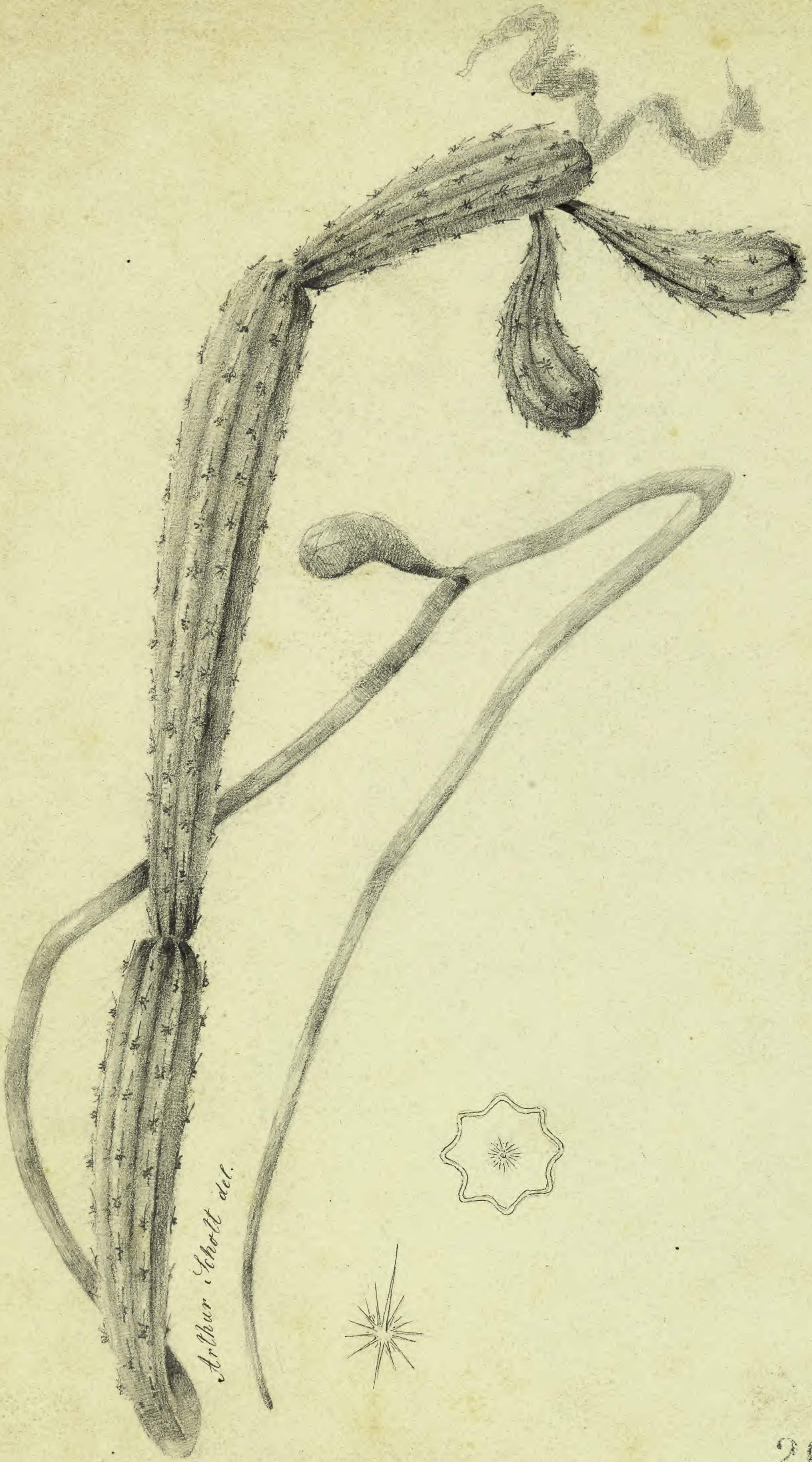
2042

880-3

Cereus tuberosus

No 7.



Arthur Scholt del.

2043

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Box 5
N9, F7.

Cereus geniculatus Schott mss
spines medistinis flat or compressed

C. Tuberosus Poselg.

Lower Rio Grande, below Laredo, on the arid ridges — on rugged riverbanks, Island of Patriarchés, above Mier

Cereus

Chacon hills 2 miles below Laredo.

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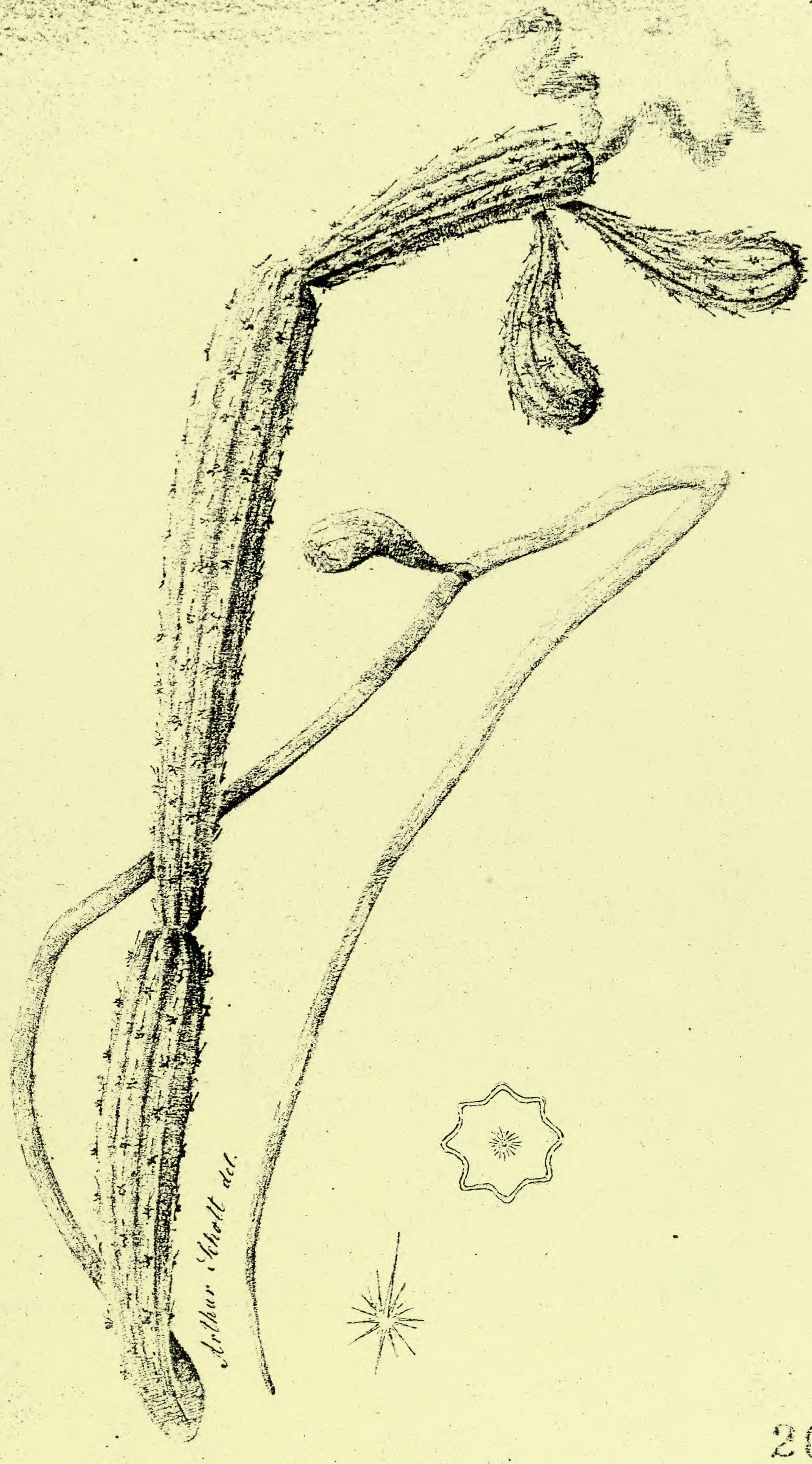
No 7.


Arthur Schott del.

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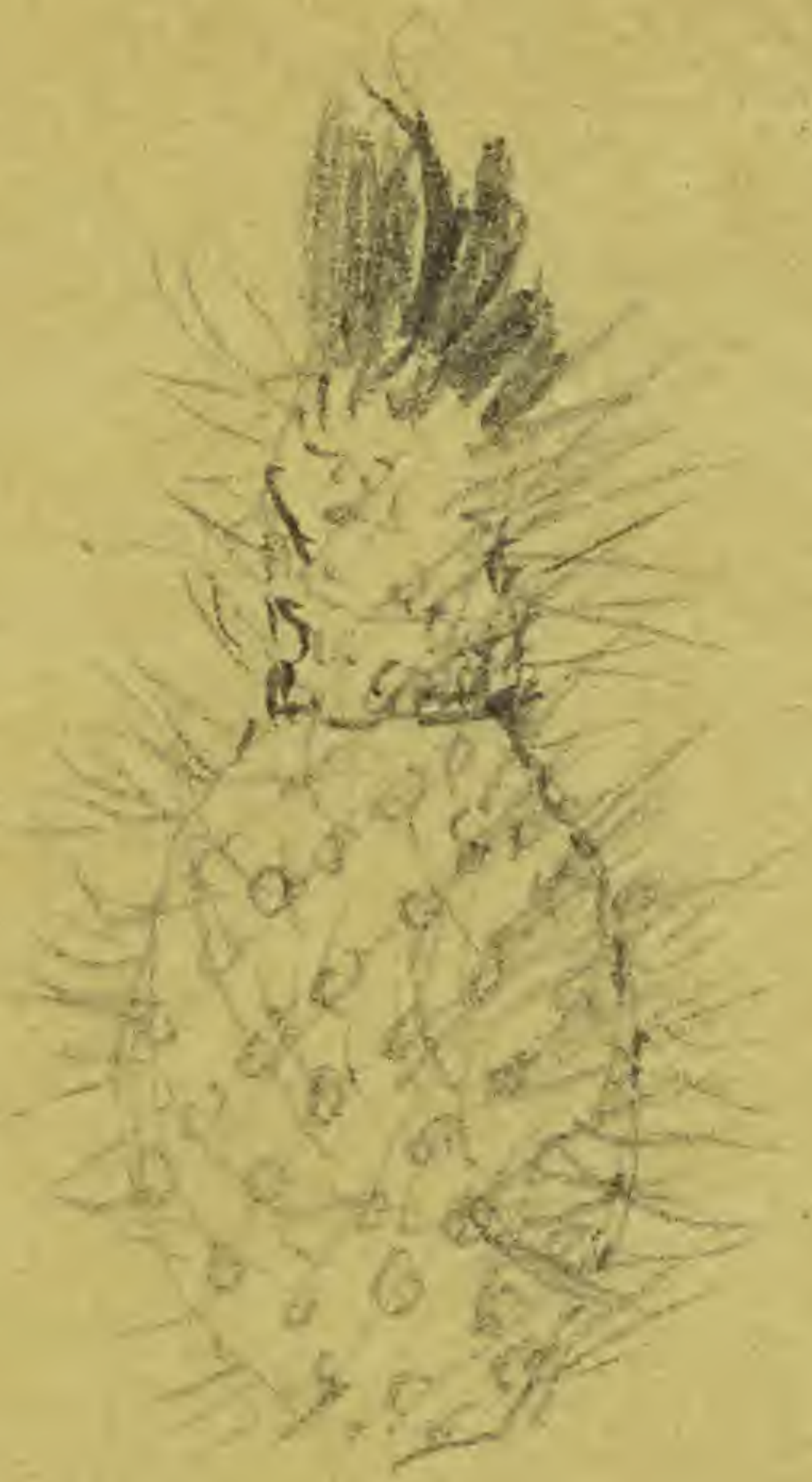

Cereus Tuberosus
Poselger

P. Roetter del St Louis July 1865

on ovary 7 spirals most distinct
11 less so — $\frac{11}{18}$ arranged
about 100 areolae on ovary.

2045

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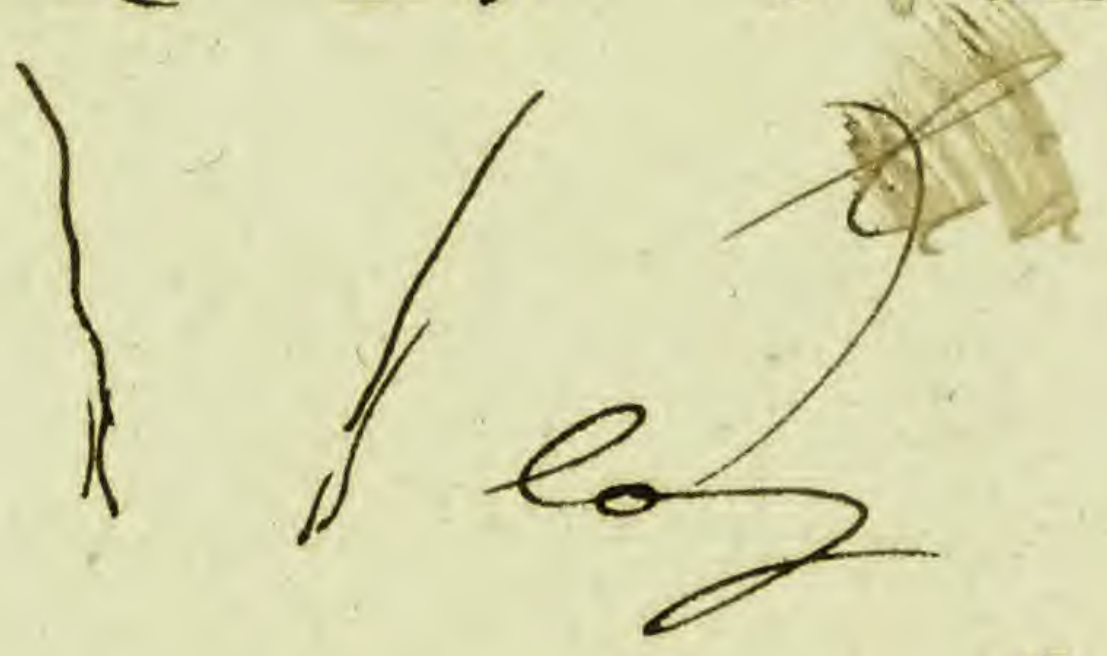
JONES & LEITCH, DRUGGISTS
COR. FIFTH & MARKET STREETS,
ST. LOUIS, MO.

J. McKittrick & Co. Cor. Main & Vine.

St Louis April 1 1859

Cereus tuberosus Poselg. The first Cereus in flower — only some Mamillariae bloom now. Greaves has one specimen with one flower now and Goebel will have 3 with 5 flowers April 14th ~~in the course of the week~~.

Flower 19–20 l. long. purple ovary oval 4–5 l. long covered with about 40 densely aggregated pulvilli; sepals of ovary subulate–setaceous ½–1 l. long, in their axills a dense long whitish wool and 6 or 8 bristly spines whitish with dark tips, the stouter ones dark, only pale at base

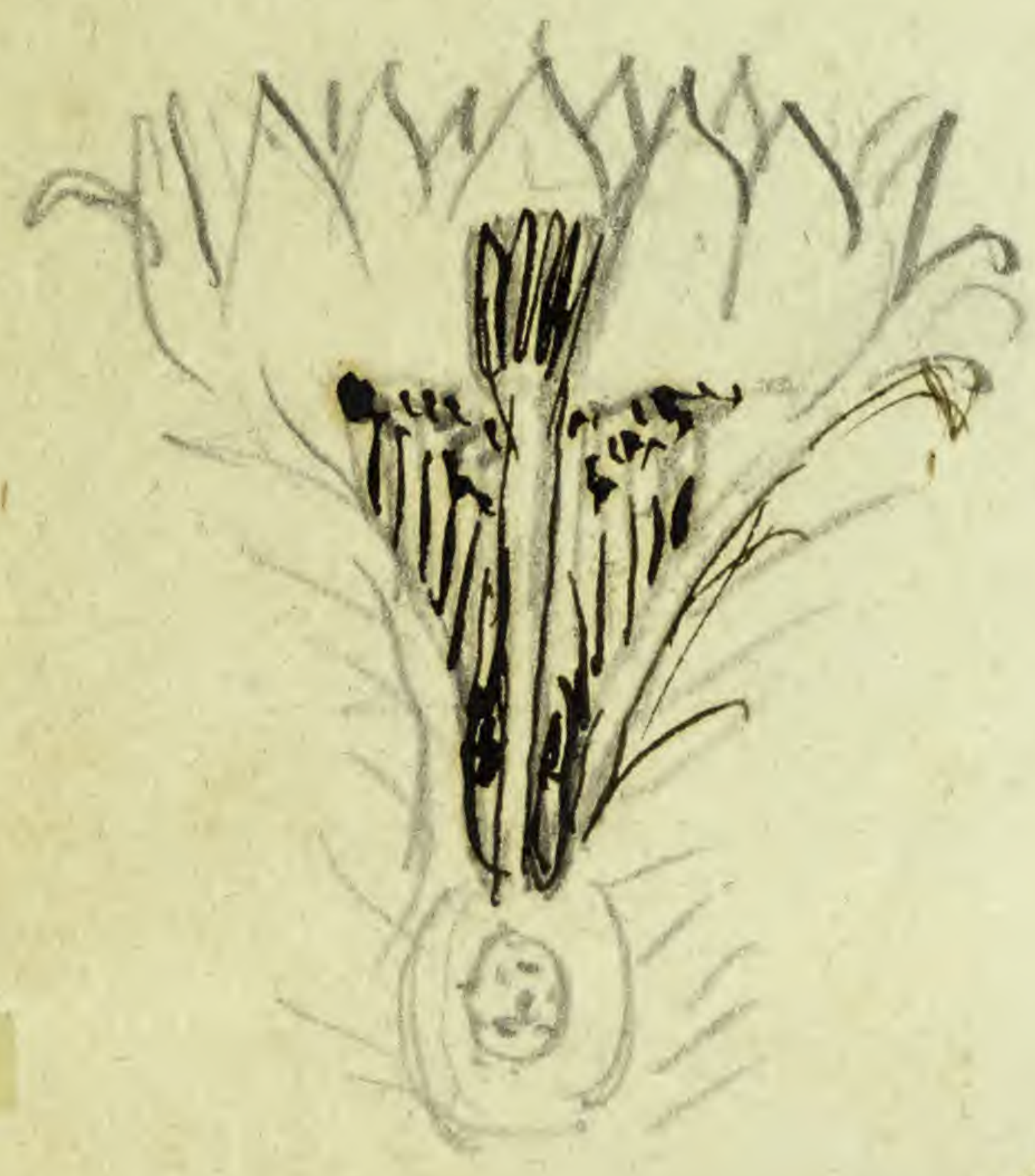
15–18 sepals on tube (tube  linear lanceolate very pointed subulate, with long wool and long bristles in axill — bristles lighter coloured

15–18 upper sepals without axillary wool, lanceolate [bristles of ovary 1–3, of tube 3–6 l. long) acuminate, bristlepointed

petals 20 – 30 ovate lanceolate, abruptly acuminate, bristle-pointed, inner ones shorter than exterior ones, and somewhat denticulate

2046

Lower part of tube inside naked about 1 or 1½ line long; stamens numerous, anthers pale yellow, ~~ob~~ orbicular or globular

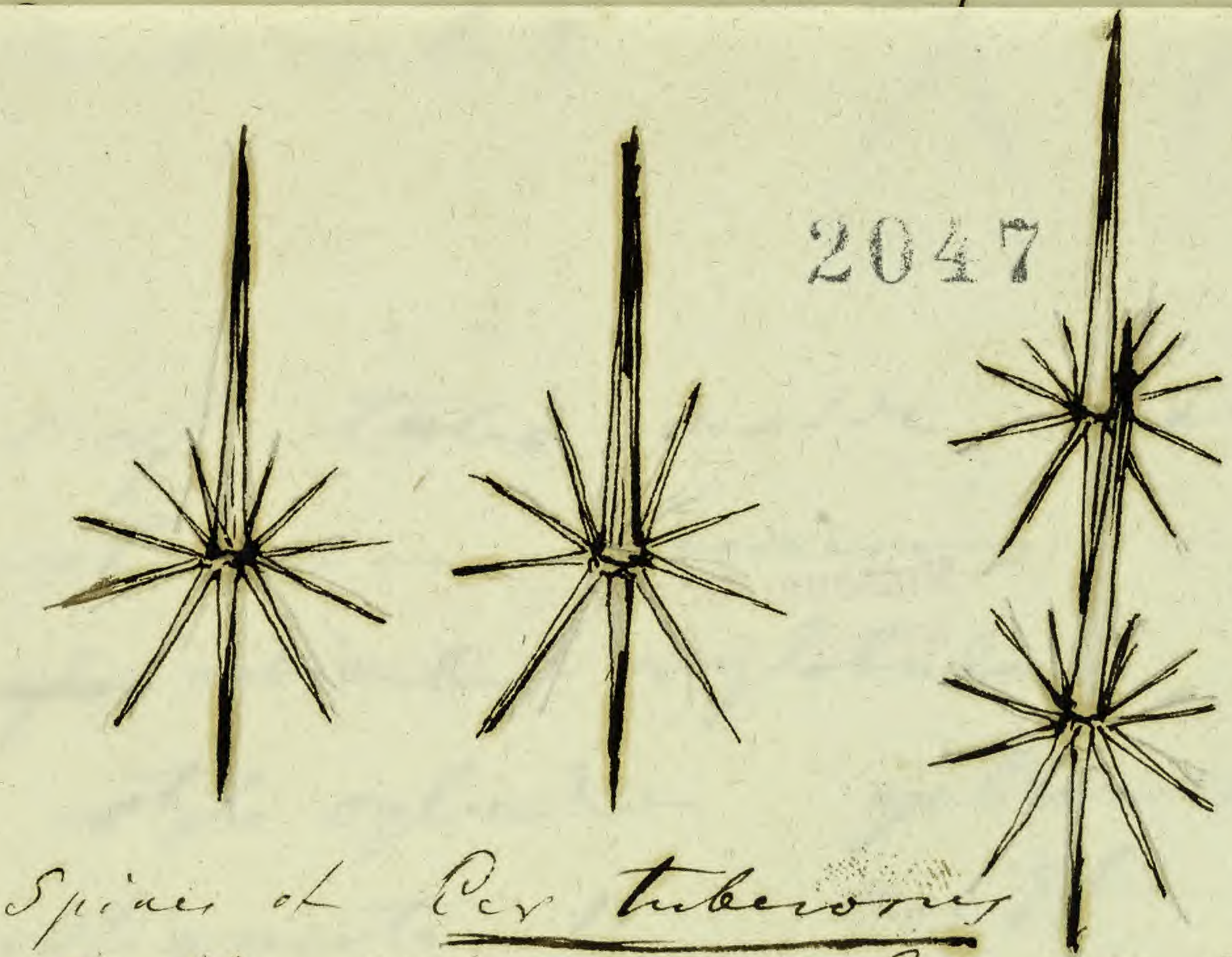


style cylindric yellowish, pale greenish; stigmata 11 erect, green, longer than stamens, shorter than petals.

It seems that the flower opens late — after noon.

Goebel 14 April 20 upper sepals, 30 petals 8 stigm. erect
flower 20 lines long
Goebel 20 April 2 flowers, 9 stigmata in each —
dimensions of flowers same.

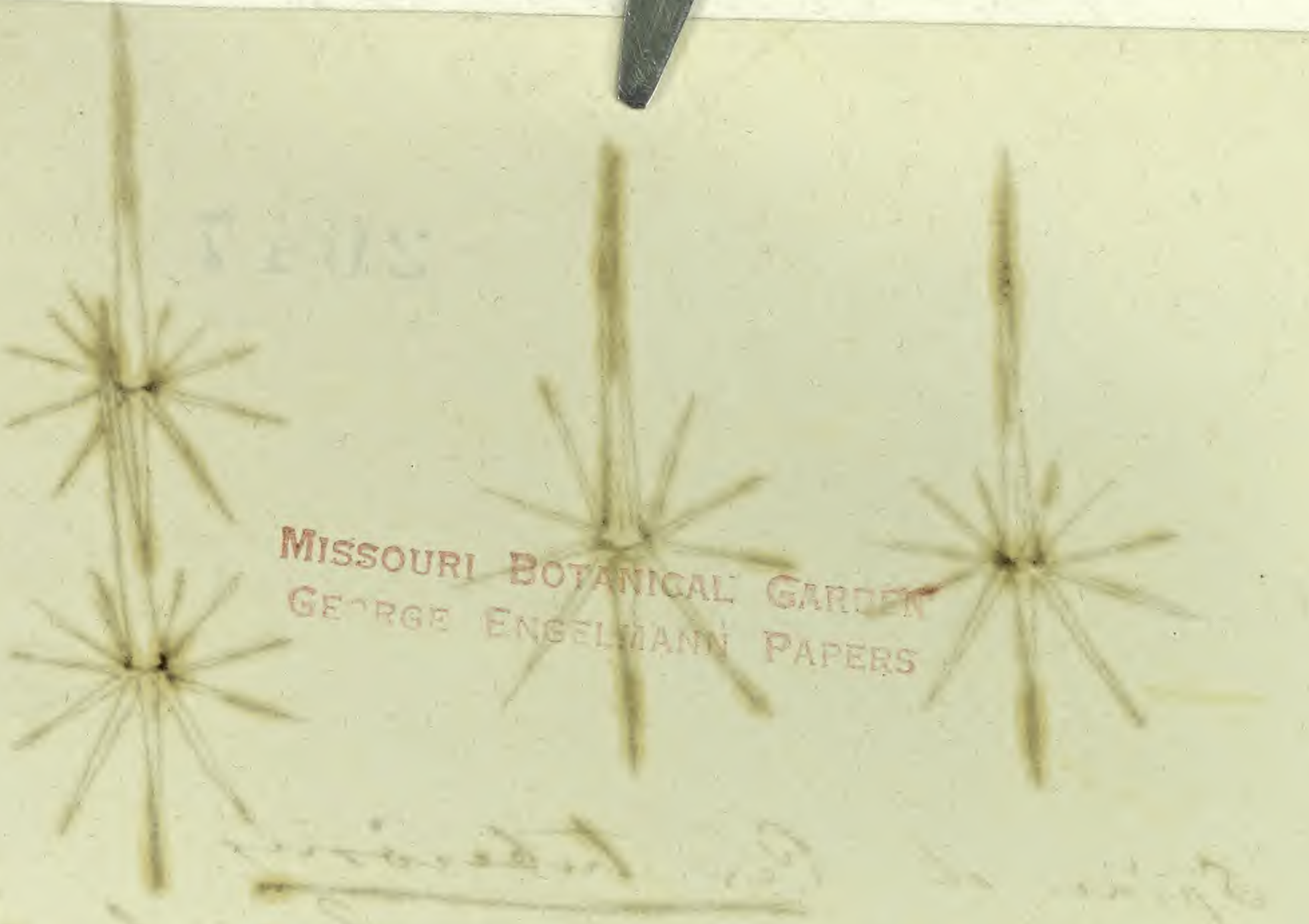
2047



Spines of Cer tuberosus

9-[illegible] radial ones, lowest stoutest

central spine flat, twice as long as longest radial one closely pressed upwards, filling the space of the (absent) upper radial spine — and reaching above the next following areola

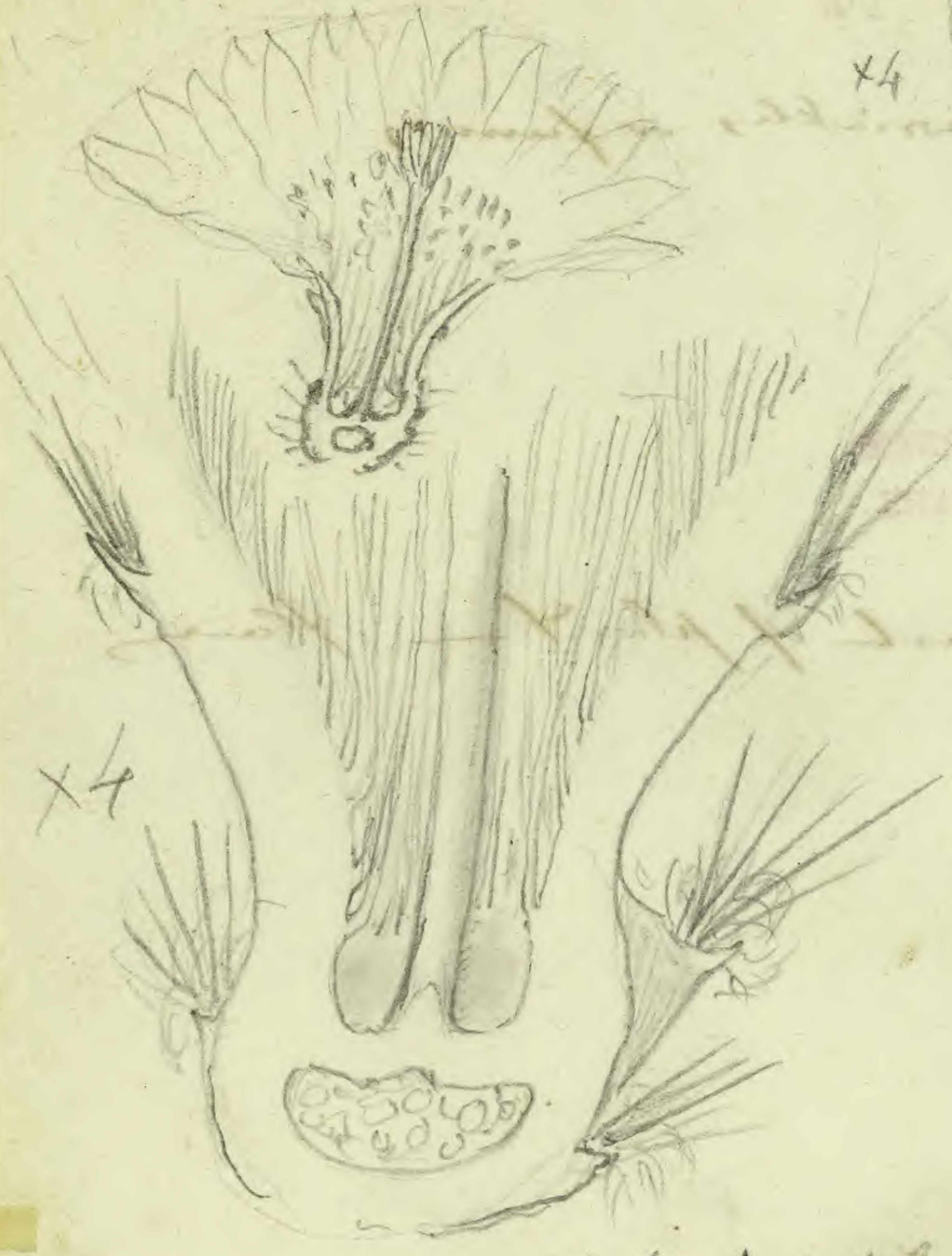


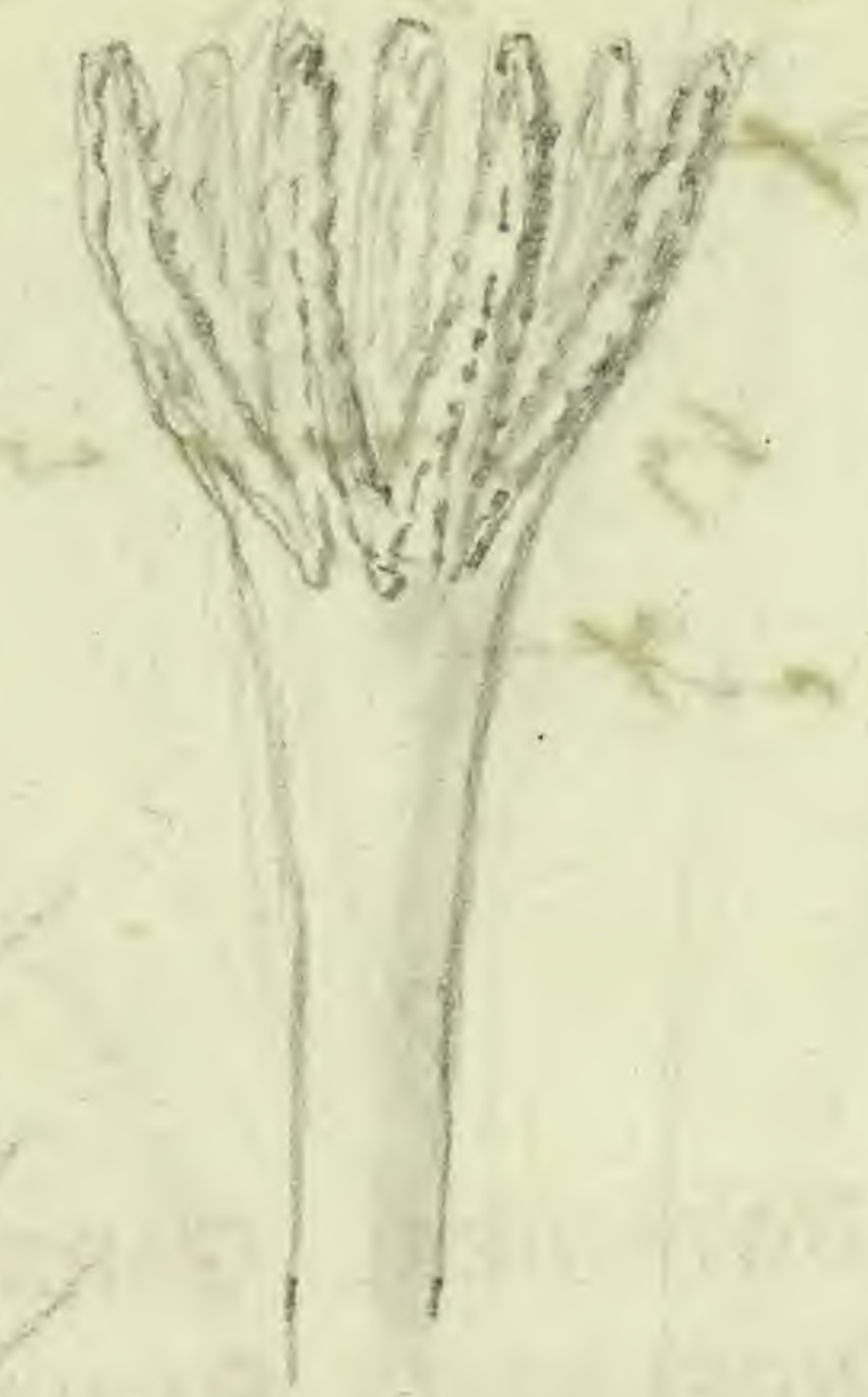
It seems that the glo
-late — after noon.

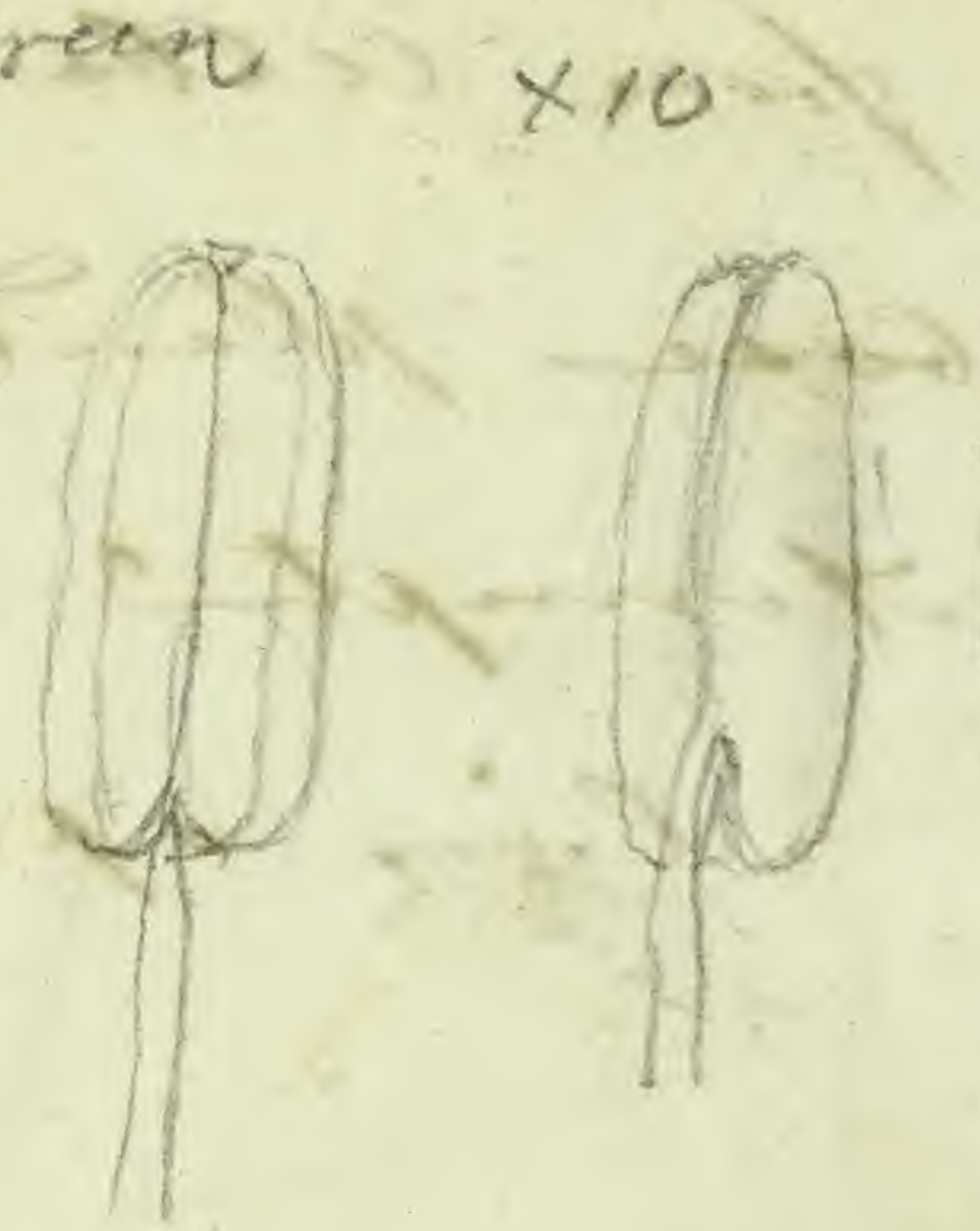
Cereus (Echinocereus) pulchellus Pfeiff Engm June 17, 1863

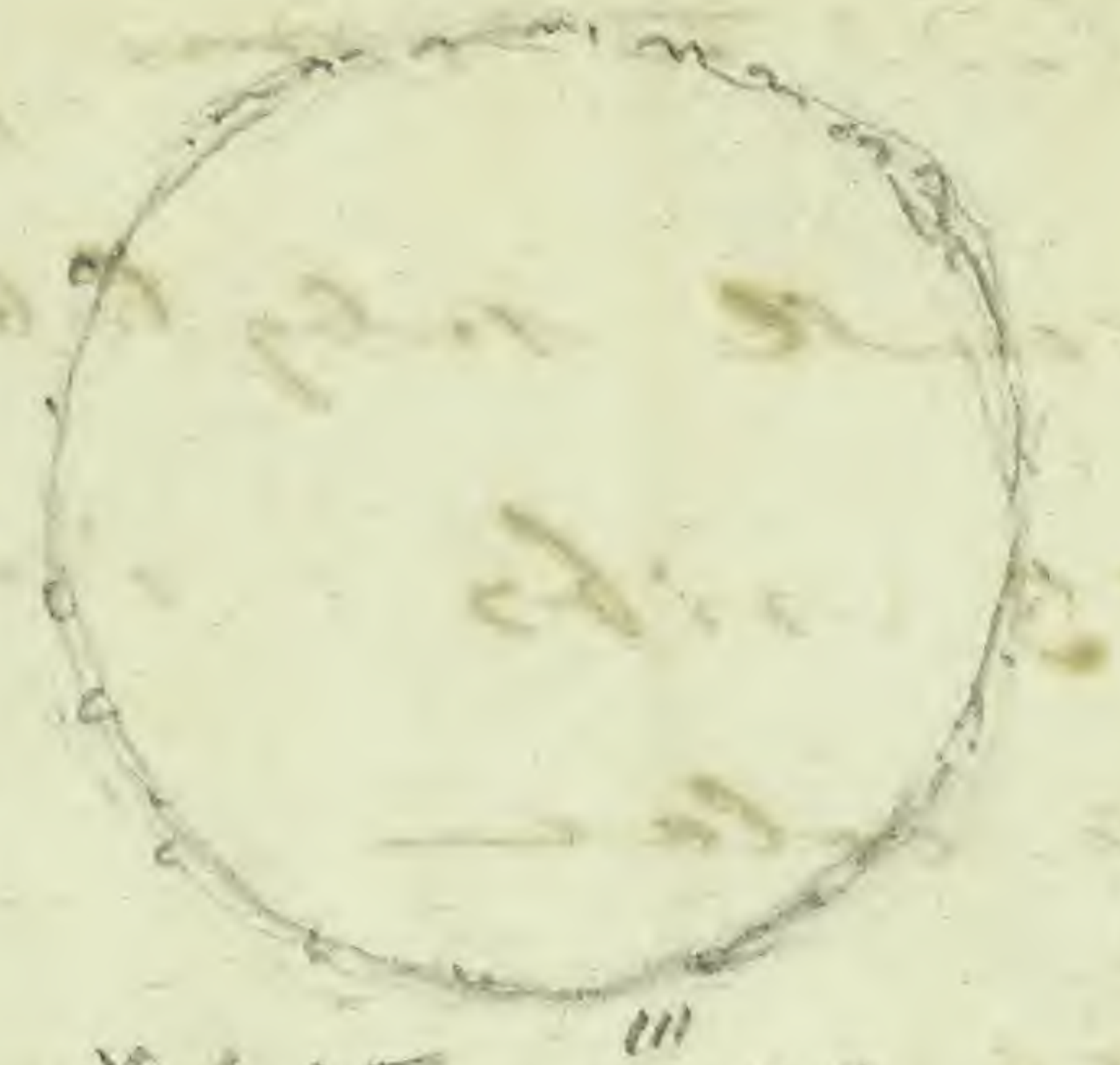
Rotter with v.

stigm 7. green



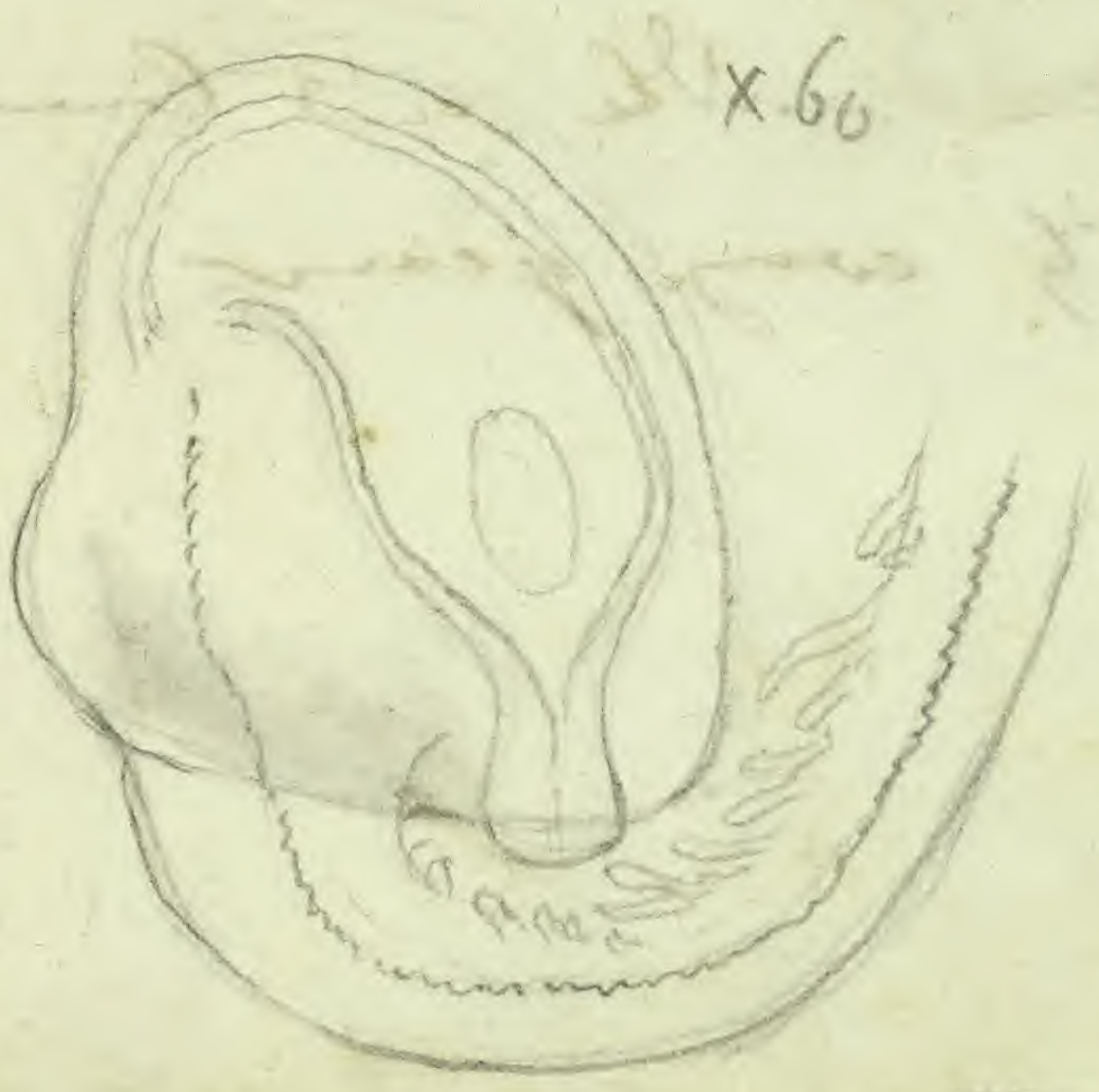


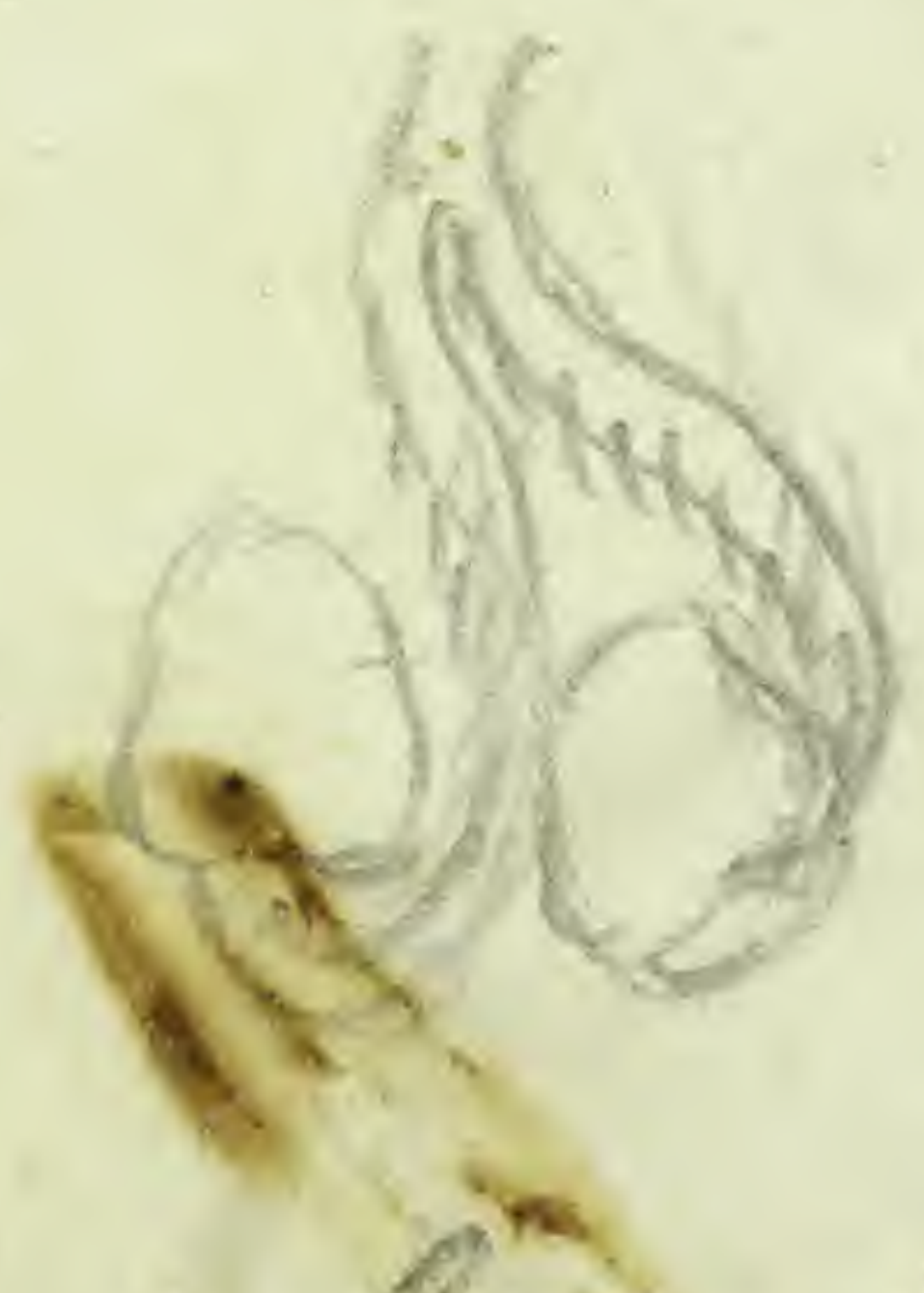



x415 = 0,030'''

18–21 tuberculate pulvilli on ovary bearing minute subulate scales & long white wool & 4–5 reddish brown spines
13. wool & spine bearing sepals of tube
15–18 interior sepals
18–21(?) petals
rose red, mucronat.

2048





funicle twice as long as seed nearly simple

tube 1/2 inch long, naked space in bottom 1 line

staminate part 5 lines long

over

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Missouri Botanical Garden

ARTHUR LEITCH,
APOTHECARY AND CHEMIST,
Sixth and Market streets, St. Louis, Mo.

Said to come from Albany N.Y. through the late Mr Grieves

small subglobose plant

13 ribs interrupted by cross wrinkles or furrows

areolae lines apart

Spines

flowers from middle and lower part of plant — flowers readily every year

"Cereus stramineus" El Paso, speci-
men sent by Wright 1852
for the first time in flower June 19th 1865
at Mr A. Roetter's.

flower purple, similar to Fendleri, closing
at night.
inches long, – in diameter
ovary with small scales and 8 & 12 spines in the
axils
15–17 broad, obtuse petals – 13 suberect green
stigma.

Spines straight, not differing from
C. enneacanthus.

2049

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ALEX. LEITCH,
APOTHECARY & PHARMACEUTIST,
Marble Building Cor. Fourth & Olive Sts. S^t Louis, Mo.